

**USPTO PATENT FULL-TEXT AND IMAGE DATABASE****Home****Quick****Advanced****Pat Num****Help****Bottom****View Cart****Add to Cart****Images***EP 1024167***( 1 of 1 )****United States Patent****6,547,992****Schlosser, et al.****April 15, 2003****Flame retardant combination for thermoplastic polymers I****Abstract**

The invention relates to a flame retardant combination for thermoplastic polymers comprising, as component A, a phosphinate of the formula (I) and/or a diphosphinate of the formula (II) and/or polymers of these ##STR1## where R<sub>sub.1</sub> and R<sub>sup.2</sub> are identical or different and are C<sub>sub.1</sub> - C<sub>sub.6</sub> -alkyl, linear or branched, and/or aryl; R<sub>sup.3</sub> is C<sub>sub.1</sub> -C<sub>sub.10</sub> -alkylene, linear or branched, C<sub>sub.6</sub> -C<sub>sub.10</sub> -arylene, -alkylarylene or -arylalkylene; M are calcium ions, aluminum ions and/or zinc ions; m is 2 or 3; n is 1 or 3; x is 1 or 2, and, as component B, a synthetic inorganic compound and/or a mineral product.

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**524/133,135 252/609**

**Field of Search:**

**References Cited [Referenced By]****U.S. Patent Documents**

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<u>4036811</u>	Jul., 1977	Noetzel et al.

<http://patft.uspto.gov/netacgi/nph-Parser?Sect1=PTO1&Sect2=H1OFF&d=PALL&p=1&...> 3/18/2004